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IFD

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/791,268 | 03/03/2004 | Jae-seong Shim | 1793.1211 |

21171
STAAS & HALSEY LLP
SUITE 700
1201 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

CONFIRMATION NO. 8944
FORMALITIES LETTER



OC00000001.276053

Date Mailed: 05/24/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

06/09/2004 MMEKONEN 00000112 10791268

| | |
|------------|-----------|
| 01 FC:1001 | 770.00 OP |
| 02 FC:1051 | 130.00 OP |
| 03 FC:1201 | 430.00 OP |
| 04 FC:1202 | 234.00 OP |

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$664** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1564** for a Large Entity

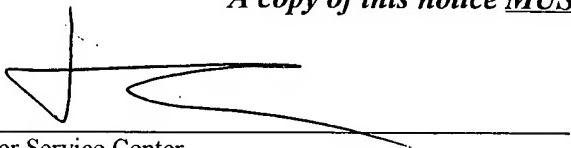
- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.

- Total additional claim fee(s) for this application is \$664

- \$430 for 5 independent claims over 3.
- \$234 for 13 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

**RESPONSE TO NOTICE TO FILE
MISSING PARTS**

| | |
|----------------------|-----------------------|
| Attorney Docket No. | 1793.1211 |
| Application Number | 10/791,268 |
| Filing Date | March 3, 2004 |
| First Named Inventor | Jae-seong SHIM et al. |
| Group Art Unit | 2652 |

Title: DATA MODULATION METHOD AND APPARATUS CAPABLE OF SUPPRESSING DC COMPONENT USING PARITY INFORMATION OF SYNCHRONIZATION CODEWORD

Pursuant to 37 C.F.R. § 1.53(f) and in response to the U.S. Patent and Trademark Office Notice to File Missing Parts of Nonprovisional Application mailed May 24, 2004 for the above-identified application, enclosed are the following:

- RETURN COPY of Notice to File Missing Parts of Nonprovisional Application
- Executed Combined Declaration/Power of Attorney executed by the inventor(s) for completing the missing parts of the subject application. The undersigned registered attorney states that the subject application is the application which the inventor(s) executed by signing the attached Declaration.
- Formal Drawings (Sheets; Figs)
- English-language translation of application (with Translator's Statement (pages))
- Verified Statement Claiming Small Entity Status

Enclosed is a payment of the following:

| | |
|---|------------------|
| <input checked="" type="checkbox"/> The filing fee as set forth in 37 C.F.R. § 1.16(a) | \$ 770.00 |
| <input type="checkbox"/> The additional claim(s) fee (13 claims over 20) | \$ 234.00 |
| <input checked="" type="checkbox"/> The additional independent claim(s) fee (5 claims over 3) | \$ 430.00 |
| <input type="checkbox"/> Multiple dependent claims | \$ |
| <input type="checkbox"/> Petition for Extension of Time (<u> </u> -month) | \$ |
| <input type="checkbox"/> English language translation fee | \$ |
| <input checked="" type="checkbox"/> Surcharge as set forth in 37 C.F.R. § 1.16(e) | \$130.00 |
| SUBTOTAL FEES: | \$1564.00 |
| <input type="checkbox"/> Reduction by 50% for filing by small entity (37 CFR 1.27) | .00 |
| SUBTOTAL FEES: | \$1564.00 |
| TOTAL FEES DUE: | \$1564.00 |

Since the Notice to File Missing Parts of Nonprovisional Application set an original due date of ___, petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110)); (2 months (\$420)); (3 months (\$950)); (4 months (\$1,480)); (5 months (\$2,010));

METHOD OF PAYMENT

- Check enclosed as payment.
 Charge "TOTAL FEES DUE" to the Deposit Account No. 19-3935, below.

AUTHORIZATION

- If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees under 37 CFR 1.16 or 1.17 necessary to maintain pendency of the present application to:

Deposit Account No.: 19-3935

Deposit Account Name: STAAS & HALSEY LLP

SUBMITTED BY: STAAS & HALSEY LLP

| | | | |
|------------|---|----------|--------|
| Typed Name | Michael D. Stein | Reg. No. | 37,240 |
| Signature |  | Date | 6/7/04 |